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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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MORGAN & FINNEGAN, L.L.P.			PHILLIPS, HASSAN A	
345 Park Avenue New York, NY 10154-0053			ART UNIT	PAPER NUMBER
New York, NY	10154-0055		2151	-
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Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)					
	09/864,655	OBERSTEIN ET	TAL.				
Office Action Summary	Examiner	Art Unit					
	Hassan Phillips	2151					
The MAILING DATE of this communication app		with the correspondence	address				
Period for Reply							
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).							
Status							
1)⊠ Responsive to communication(s) filed on 16 Ja	anuary 2003.						
	The second secon						
Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
Disposition of Claims							
4) ⊠ Claim(s) 236-429 is/are pending in the application 4a) Of the above claim(s) is/are withdrases 5) □ Claim(s) is/are allowed. 6) ⊠ Claim(s) 236-429 is/are rejected. 7) □ Claim(s) is/are objected to. 8) □ Claim(s) are subject to restriction and/or	wn from consideration.						
Application Papers 9) The specification is objected to by the Examine 10) The drawing(s) filed on 05 September 2001 is/ Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the E		yance. See 37 CFR 1.85(a ng(s) is objected to. See 37). ' CFR 1.121(d).				
Priority under 35 U.S.C. § 119							
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 							
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08 Paper No(s)/Mail Date 3/28/02.	Paper	ew Summary (PTO-413) No(s)/Mail Date of Informal Patent Application 	(PTO-152)				

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DETAILED ACTION

Information Disclosure Statement

The Information Disclosure Statements (IDS) filed August 1, 2001, and March
 28, 2002, have been received and considered by the Examiner.

Specification

1. The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Claim Objections

1. A series of singular dependent claims is permissible in which a dependent claim refers to a preceding claim which, in turn, refers to another preceding claim.

A claim which depends from a dependent claim should not be separated by any claim which does not also depend from said dependent claim (i.e. claims 272, 273, 282-288). It should be kept in mind that a dependent claim may refer to any preceding independent claim. In general, applicant's sequence will not be changed. See MPEP § 608.01(n).

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Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) The invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 2. Claims 236-429 are rejected under 35 U.S.C. 102(b) as being anticipated by Coley et al. (hereinafter Coley), U.S. Patent 5,751,914 (supplied by Applicant).
- 3. In considering claims 236, 262, 294, 320, 352, 378, 410, and 411, Coley teaches a method, system, apparatus and computer readable medium for facilitating event communication among networks having a plurality of systems comprising:

Receiving at least one event in a client or server, the event transmitted by an event-generating entity coupled thereto; obtaining at least one event handling script associated with the event; and processing the event in accordance with the event handling script. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56. Also see Fig. 1.

4. In considering claims 237, 295, and 353, Coley teaches the event being received through an application program interface. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

- 5. In considering claims 238, 296, and 354, Coley teaches transmitting the event to a server before obtaining the event handling script. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.
- 6. In considering claims 239, 297, and 355, Coley teaches storing the event prior to processing. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.
- 7. In considering claims 240, 298, and 356, Coley teaches the event being assigned a priority level in accordance with a pre-determined criterion. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.
- 8. In considering claims 241, 299, and 357, Coley teaches the processing being performed in accordance with the priority level. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.
- 9. In considering claims 242, 300, and 358, Coley teaches converting the event into a well-defined event. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

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10. In considering claims 243, 301, and 359, Coley teaches creating a workflow thread for the event. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

11. In considering claims 244, 302, and 360, Coley teaches the workflow thread processed in accordance with the event handling script. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

12. In considering claims 245, 303, and 361, Coley teaches a first event and a second event processed from separate working threads. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

13. In considering claims 246, 304, and 362, Coley teaches the first event dependent, or not dependent, on the second event to finish processing, or to change a state of a property. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

14. In considering claims 247, 305, and 363, Coley teaches the event being divided into a plurality of workflow threads that are processed simultaneously or independent of each other. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

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15. In considering claims 248, 306, and 364, Coley teaches receiving instructions to configure the event handling script. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

16. In considering claims 249, 307, and 365, Coley teaches the instructions being received from a customized component. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

17. In considering claims 250, 308, and 366, Coley teaches the customized component handling and displaying a notification. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

18. In considering claims 251, 309, and 367, Coley teaches the customized component displaying information defined by an event handling script. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

19. In considering claims 252, 310, and 368, Coley teaches accessing a directory service for accessing information and operational preferences. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

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20. In considering claims 253, 311, and 369, Coley teaches embedding state information into a persistent store for the event. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

- 21. In considering claims 254, 312, and 370, Coley teaches providing a notification service, the notification service allowing access to a notification dispatcher for transmitting a notification. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.
- 22. In considering claims 255, 313, and 371, Coley teaches the notification dispatcher providing access to at least one mechanism of notification, the notification provided as a result of the processing. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.
- 23. In considering claims 256, 314, and 372, Coley teaches the mechanism of notification being one of electronic mail, paging, web browsing and instant messaging. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.
- 24. In considering claims 257, 315, and 373, Coley teaches transmitting a notification as a result of the processing. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

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25. In considering claims 258, 316, and 374, Coley teaches the event handling script provided as an executable script. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

26. In considering claims 259, 317, and 375, Coley teaches timers that specify the time an event is processed by an event handling script. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

27. In considering claims 260, 318, and 376, Coley teaches the event performed in accordance with a time sequence required by the event handling script. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

28. In considering claims 261, 319, and 377, Coley teaches transmitting information based on the processing of the event through an application program interface to users. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

29. In considering claims 263, 321, and 379, Coley teaches dispatching a notification based upon the processing of the event. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

30. In considering claims 264, 322, and 380, Coley teaches accessing a repository for querying and publishing information between at least two of the plurality of systems. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

- 31. In considering claims 265, 323, and 381, Coley teaches the repository providing information for one of, defining, handling and processing events in the systems. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.
- 32. In considering claims 266, 324, and 382, Coley teaches the repository providing information to assist in discovery of information on a potential counter-party. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.
- 33. In considering claims 267, 325, and 383, Coley teaches listening for determining presence of an event at the server. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.
- 34. In considering claims 268, 326, and 384, Coley teaches the server being a distributed server. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

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35. In considering claims 269, 327, and 385, Coley teaches synchronizing a result of processing the event received in the distributed server. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

36. In considering claims 270, 328, and 386, Coley teaches loading a handling script for processing a subsection of the event. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

37. In considering claims 271, 329, and 387, Coley teaches saving the event received at the server in a storage device. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

38. In considering claims 272, 330, and 388, Coley teaches the mechanism of dispatching the notification being one of electronic mail, paging, web browsing, and instant messaging. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

39. In considering claims 273, 331, and 389, Coley teaches dispatching the notification to the client. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

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40. In considering claims 274, 332, and 390, Coley teaches the event processed in a workflow thread. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

41. In considering claims 275, 333, and 391, Coley teaches the workflow thread processed in accordance with the event handling script. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

42. In considering claims 276, 334, and 392, Coley teaches a first and second event processed from separate working threads. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

43. In considering claims 277, 335, and 393, Coley teaches the first event dependent, or not dependent, on the second event to finish processing, or the change a state of property. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

44. In considering claims 278, 336, and 394, Coley teaches the event divided into a plurality of workflow threads that are processed simultaneously or independent of each other. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

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45. In considering claims 279, 337, and 395, Coley teaches writing a customized service accessible to the event handling script. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

46. In considering claims 280, 338, and 396, Coley teaches the event handling script configured to use system service during the processing. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

47. In considering claims 281, 339, and 397, Coley teaches the handling script configured to use customized service during the processing. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

48. In considering claims 282, 340, and 398, Coley teaches the system service providing access to a repository that facilitates querying and publishing of information. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

49. In considering claims 283, 341, and 399, Coley teaches the information assisting the systems in managing connectivity there between. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

50. In considering claims 284, 342, and 400, Coley teaches the system service causing the event handling script to embed state information into a persistent storage

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means for allowing the event to check state across more than one processing path. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

51. In considering claims 285, 343, and 401, Coley teaches the system service providing the event handling script with access to a schedule to determine flow of processing of the event. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

52. In considering claims 286, 344, and 402, Coley teaches the system service allowing the event handling script to write messages to an action log of the event and to a storage device. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

53. In considering claims 287, 345, and 403, Coley teaches the system service allowing the event handling script to create timers that specify the time an event is processed. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

54. In considering claims 288, 346, and 404, Coley teaches the system service allowing the event handling script to create a time sequence by which the event is processed. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

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55. In considering claims 289, 347, and 405, Coley teaches assigning a priority level to the event in accordance with a pre-determined criterion. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

56. In considering claims 290, 348, and 406, Coley teaches scheduling the event in accordance with the priority level. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

57. In considering claims 291, 349, and 407, Coley teaches the processing performed in accordance with the priority level. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

58. In considering claims 292, 350, and 408, Coley teaches the event handling script provided as an executable script. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

59. In considering claims 293, 351, and 409, Coley teaches converting the event into a well-defined event. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

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60. In considering claim 412, Coley teaches a, system for facilitating event communication among networks having a plurality of systems comprising:

A server; an agent resident on one of the plurality of networks, wherein the agent communicates with the server; and a monitor coupled to the agent, wherein the monitor handles and displays notifications and enables event handling in the agent, wherein the server further acts as a message router for forwarding events between one or more agents, the agent providing the server with connectivity information, the server further persisting events and event actions that flow through the system. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56. Also see Fig. 1.

61. In considering claim 413, Coley teaches the server comprising: a server event manager for continuously discovering an event entering the server; a server workflow engine for processing the event received by the server; a server workflow manager for controlling and overseeing the processing of the event by the workflow engine; a server state manager for maintaining state of the event across the server; and a notification dispatcher for transmitting information of the event through delivery means to at least one user. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

62. In considering claim 414, Coley teaches the server workflow engine further comprising: at least one server workflow thread for allowing division of workflow into a smaller task, wherein the task can be performed independently; and a script engine for

providing scripted processing of events and actions within the server workflow engine. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

63. In considering claim 415, Coley teaches the server comprising an application program interface for communicating with various messaging protocols. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

64. In considering claim 416, Coley teaches the application program interface allowing interaction with client systems. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

65. In considering claim 417, Coley teaches the server further comprising a security manager for ensuring that information passed to the server is reliable. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

66. In considering claim 418, Coley teaches the server comprising a storage device for saving the event. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

67. In considering claim 419, Coley teaches the server comprising a repository for storing information to define, handle and process the event. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

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68. In considering claim 420, Coley teaches the agent comprising: an agent event manager for detecting an event entering the agent; an agent workflow engine for processing the event received within the agent; an agent workflow manager for controlling and overseeing the processing of the event by the workflow engine; an agent state manager for maintaining state of the event across the agent; and a notification dispatcher for transmitting information of the event through delivery means to at least one user. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

69. In considering claim 421, Coley teaches the agent comprising: an event application program interface for interfacing with external engines to receive events addressed to the agent. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

70. In considering claim 422, Coley teaches the agent comprising: a connection manager for managing connections to the agent. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

71. In considering claim 423, Coley teaches the agent workflow engine comprising: at least one agent workflow thread for allowing division of workflow into a smaller task, wherein the task can be performed independently; and a script engine for

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providing scripted processing of events and actions within the agent workflow engine. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

72. In considering claim 424, Coley teaches the agent comprising: an application program interface for communicating with various messaging protocols. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

73. In considering claim 425, Coley teaches the application program interface allowing interaction with client systems. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

74. In considering claim 426, Coley teaches the monitor displaying notifications regarding the events. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

75. In considering claim 427, Coley teaches the monitor allowing modification of customized rules for event handling. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

76. In considering claim 428, Coley teaches the monitor capable of being viewed from a standard web browser. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

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77. In considering claim 429, Coley teaches the monitor capable of being viewed from a customized application. See col. 3, lines 9-67, col. 4, lines 1-50, col. 9, lines 21-67, and col. 10, lines 1-56.

Conclusion

1. The prior art made of record and not relied upon is also considered pertinent to applicant's disclosure.

Weber et al., U.S. Patent 6,480,901 discloses a system for monitoring and managing devices on a network from a management station, whereby, the management station receives events via a proxy server.

Watson et al., U.S. Patent 6,631,409 discloses a method and apparatus for monitoring a communications system, in which, a client receives status information from a monitoring server.

Glitho et al., U.S. Patent 6,041,327 discloses a method for clients to receive notifications of events of interests via a server relational database.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hassan Phillips whose telephone number is (571) 272-3940. The examiner can normally be reached on M-F 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung can be reached on (703) 308-6687. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HP/ 9/24/04

ZARNI MAUNG/ DUMARY EXAMMER